

**AMENDMENTS TO THE SPECIFICATION**

Please replace paragraph [00073] with the following amended paragraph:

Fig. 15 is a diagram explaining the relationship between an emission radius and the ratio of  $v_4/h_4$  of the electron beam passing hole formed on the first electrode of the electron gun for a cathode ray tube according to the present invention. When the ratio of  $v_4/h_4$  increases from 1 to 1.4, the cross over as well as the emission radius in the vertical direction are increased. However, when the ratio of  $[[h_4/v_4]] \ v_4/h_4$  is greater than 1.5, the cross over disappears. Between 1.5 and 4.3 for the ratio, the cross over seems to increase at first and then it disappears when the ratio reaches 4.3. Also, the emission radius in the range from 1.5 to 4.3 is gradually reduced. Finally, when the ratio of  $[[h_4/v_4]] \ v_4/h_4$  is greater than about 4.3, the emission radius increases rapidly, and the electron beams collide with the electrode. Therefore, for one embodiment of the present invention the range for the ratio of  $[[h_4/v_4]] \ v_4/h_4$  may be from 1.5 to 4.3